

Converting Colors

XYZ(39.7488, 35.4072, 30.7259)

Have a look what the booklet for
XYZ(39.7488, 35.4072, 30.7259)
contains.

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Color

**XYZ(39.7488, 35.4072,
30.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	CA938F
RGB	202, 147, 143
RGB Percent	79%, 58%, 56%
CMY	0.2078, 0.4235, 0.4392
CMYK	0.00, 0.27, 0.29, 0.21
HSL	4°, 36%, 68%
HSV	4°, 29%, 79%
XYZ	39.7488, 35.4072, 30.7259
YIQ	162.9890, 34.0640, 10.4160

Conversions

Conversions Part 2

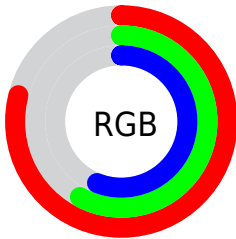
Format	Color
R _{YB}	202, 147, 143
Decimal	13276047
CIE Lab	66.06, 20.18, 10.31
CIE LCh	66, 22.662, 27.054
Yxy	35.4072, 0.3754, 0.3344
Android (android.graphics.Color)	4291466127 (0xFFCA938F)
YUV	162.9890, -9.8546, 34.2126
Hunter-Lab	59.5039, 15.1066, 11.0373

Details

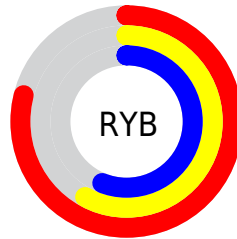
The XYZ color **39.7488, 35.4072, 30.7259** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1818, 50.4905, 63.3997**, and the grayscale version is **34.8422, 36.6567, 39.9191**.

A 20% lighter version of the original color is **72.2047, 67.0645, 61.9625**, and **18.1913, 15.3591, 12.3617** is the 20% darker color. If you saturate the color by 10%, you get **35.6621, 29.4660, 22.4816**, and if you desaturate by 10%, it is **44.5922, 42.4204, 40.5826**.

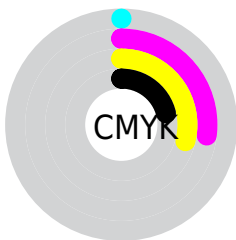
Distribution



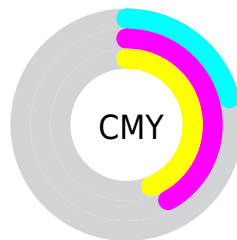
- Red (79%)
- Green (58%)
- Blue (56%)



- Red (79%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (21%)





- Cyan (21%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7488, 35.4072, 30.7259 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.7488, 35.4072, 30.7259 by changing the saturation by 10% instead.


 39.7488, 35.4072,
30.7259


 39.7488, 35.4072,
30.7259


336.2163,
326.3621, 319.5855

 27.5261, 23.9767,
20.1335


 74.0676, 68.1161,
61.8828

 18.1073, 15.3163,
12.3071


 96.8944, 90.1633,
83.2843

 11.1272, 9.0417,
6.8281


123.9866,
116.5182, 109.1260

 6.2204, 4.7684,
3.2780

155.7096,
147.5652, 139.8264

 3.0215, 2.1120,
1.2383

192.4287,
183.6887, 175.8040

 1.1651, 0.6714,
0.0104

234.5093,

 0.0786, 0.0000,

225.2731, 217.4774

0.0000

282.3167,
272.7027, 265.2650

■ 0.0000, 0.0000,
0.0000

■ 39.7488, 35.4072,
30.7259

■ 39.7488, 35.4072,
30.7259

■ 35.6621, 29.4660,
22.4816

■ 44.5922, 42.4204,
40.5826

■ 32.2911, 24.5393,
15.7619

■ 50.2249, 50.5495,
52.1289

■ 29.5955, 20.5719,
10.4738

■ 56.6810, 59.8420,
65.4396

■ 27.5295, 17.5012,
6.5135

■ 63.9916, 70.3413,
80.5843

■ 26.0419, 15.2572,
3.7630

■ 72.1865, 82.0883,
97.6290

■ 25.0730, 13.7596,
2.0834

■ 78.1672, 91.2966,
108.1099

■ 24.5397, 12.9075,
1.2440

■ 24.5104, 12.8629,
1.1909

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.5352, 35.4072, 39.5124



39.7488, 35.4072, 30.7259



37.2952, 35.4072, 25.0029

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.7488, 35.4072, 30.7259



28.5121, 35.4072, 29.3300



33.3221, 35.4072, 60.1691

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.7488, 35.4072, 30.7259



42.1818, 50.4905, 63.3997

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.2569, 35.4072, 56.2807



39.7488, 35.4072, 30.7259



27.5984, 35.4072, 37.6082

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.7488, 35.4072, 30.7259



30.7965, 35.4072, 24.2964



28.2155, 35.4072, 47.6065



36.6819, 35.4072, 57.5149

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.7488, 35.4072, 30.7259



35.1235, 35.4072, 23.1704



28.2155, 35.4072, 47.6065



32.2251, 35.4072, 59.5705

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.7497, 35.4089, 30.7266



85.1238, 85.7114, 88.4386



44.3806, 36.2822, 58.1307



17.9001, 17.8846, 18.2720



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7497, 35.4089, 30.7266



62.8159, 53.4357, 42.9596



44.9258, 45.7609, 32.4520



11.2725, 11.3339, 11.6730



15.7961, 8.3251, 0.7744



0.8368, 0.4732, 0.0472

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.1818, 50.4905, 63.3997



67.5816, 83.0161, 107.0695



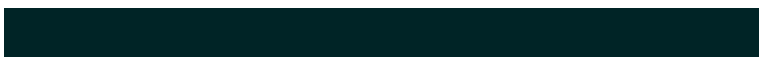
36.0962, 38.3193, 61.3712



11.4756, 12.5916, 14.3960



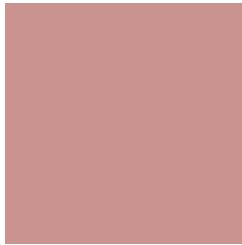
18.4985, 26.0210, 40.0038



0.9744, 1.3825, 2.0704

Previews

White Background



This preview shows how the XYZ color 39.7488, 35.4072, 30.7259 looks on a white background.

Color Contrast Check

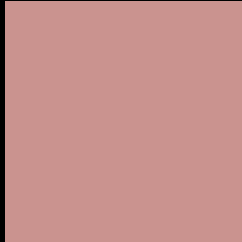
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.7488, 35.4072, 30.7259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7488, 35.4072, 30.7259

Background



This preview shows how black text looks on a background with the XYZ color 39.7488, 35.4072, 30.7259.



This preview shows how white text looks on a background with the XYZ color 39.7488, 35.4072,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.7488, 35.4072, 30.7259

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.1323, 35.4630, 30.5318



Tritanopia

40.7548, 35.3476, 36.1273

Trichromacy



Original Color

39.7488, 35.4072, 30.7259

Protanomaly

35.5782, 35.1330, 32.5099

Deuteranomaly

37.3459, 35.3566, 30.4474

Tritanomaly

40.4934, 35.4886, 33.9939

Monochromacy



Original Color

39.7488, 35.4072, 30.7259

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.1892, 35.8614, 36.4670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7488, 35.4072, 30.7259 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 147, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.7488, 35.4072, 30.7259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 147, 143) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(202, 147, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(202, 147, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7488, 35.4072, 30.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 147, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
147, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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